

Converting Colors

Hex(22442F)

Have a look what the booklet for
Hex(22442F) contains.

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Color

Hex(22442F)

Conversions

Conversions Part 1

Format	Color
Hex	22442F
RGB	34, 68, 47
RGB Percent	13%, 27%, 18%
CMY	0.8667, 0.7333, 0.8157
CMYK	0.50, 0.00, 0.31, 0.73
HSL	143°, 33%, 20%
HSV	143°, 50%, 27%
XYZ	3.2399, 4.6796, 3.4218
YIQ	55.4400, -13.5230, -13.7390

Conversions

Conversions Part 2

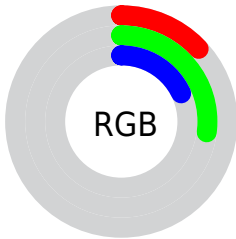
Format	Color
RYB	34, 59, 68
Decimal	2245679
CIELab	25.80, -18.06, 8.96
CIElCh	26, 20.159, 153.620
Yxy	4.6796, 0.2857, 0.4126
Android (android.graphics.Color)	4280435759 (0xFF22442F)
YUV	55.4400, -4.1609, -18.8029
Hunter-Lab	21.6323, -11.1223, 5.7641

Details

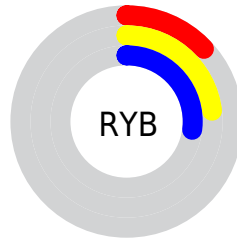
The Hex color **22442F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442237**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **51745D**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **1B442B**, and if you desaturate by 10%, it is **294433**.

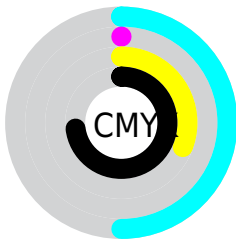
Distribution



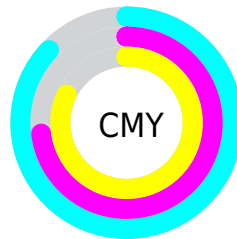
- Red (13%)
- Green (27%)
- Blue (18%)



- Red (13%)
- Yellow (23%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22442F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 22442F by changing the saturation by 10% instead.



22442F



22442F

FFFFFF



0B2D1A



51745D



001A00



698E76



000000



83A98F



9DC4AA



B9E0C5



D4FDE1



F1FFFE



22442F



22442F

■ 1B442B

■ 294433

■ 144427

■ 304437

■ 0E4422

■ 36443C

■ 07441E

■ 3D4440

■ 00441A

■ 444444

■ 4B4448

■ 52444C

■ 584451

■ 5F4455

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



354123



22442F



08453F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22442F



293E5B



59332D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22442F



442237

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5A313C



22442F



413857

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22442F



074258



52334B



523722

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22442F



004549



52334B



5B3232

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22442F



4C5951



384422



262E29



ADADAD



2E2E2E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22442F



245938



22443F



1E211F



006125



00E056

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



442237



592445



442227



211E20



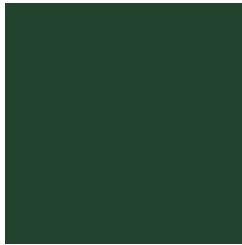
61003C



E0008B

Previews

White Background



This preview shows how the Hex color 22442F looks on a white background.

Color Contrast Check

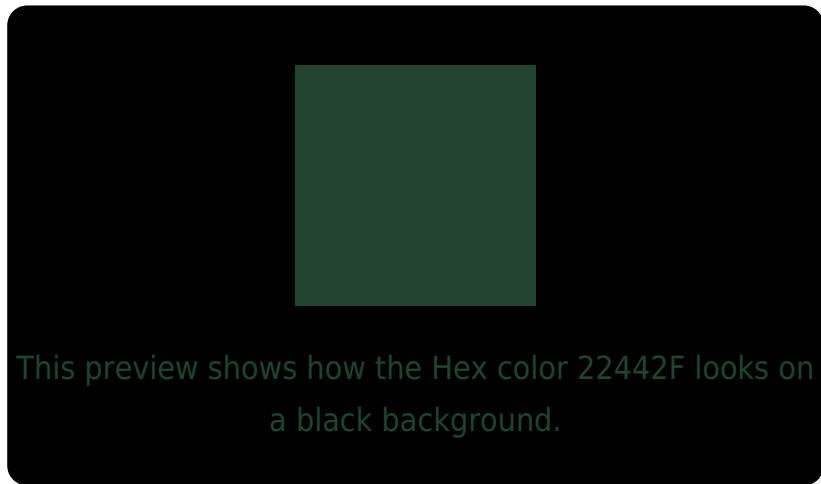
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

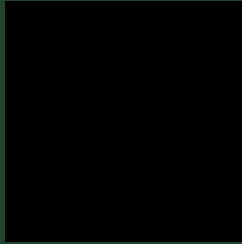
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22442F Background



This preview shows how black text looks on a background with the Hex color 22442F.



This preview shows how white text looks on a background with the Hex color 22442F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

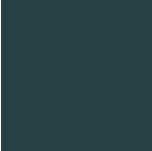
Dichromacy



Original Color
22442F

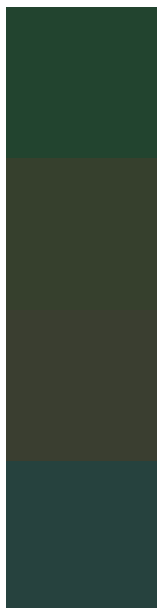
Protanopia
423D2C

Deuteranopia
473B31



Tritanopia
284146

Trichromacy



Original Color

22442F

Protanomaly

36402D

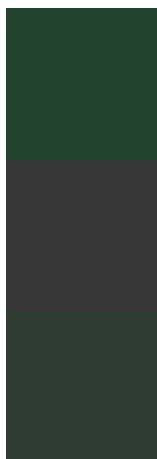
Deuteranomaly

3A3E30

Tritanomaly

26423E

Monochromacy



Original Color

22442F

Achromatopsia

373737

Achromatomaly

2F3C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 22442F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #22442F looks like.

```
.text, #text, p{  
    color:#22442F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #22442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22442F
}
```

Border

The CSS property to change the border of an element to Hex 22442F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

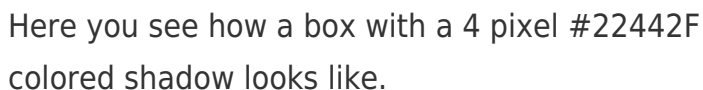
```
.border, #border, table{ border:4px solid
#22442F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#22442F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #22442F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22442F; -webkit-box-shadow:4px 4px  
4px 4px #22442F; box-shadow:4px 4px 4px  
4px #22442F }
```

Background

The CSS property to change the background color of an element to Hex 22442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22442F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#22442F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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